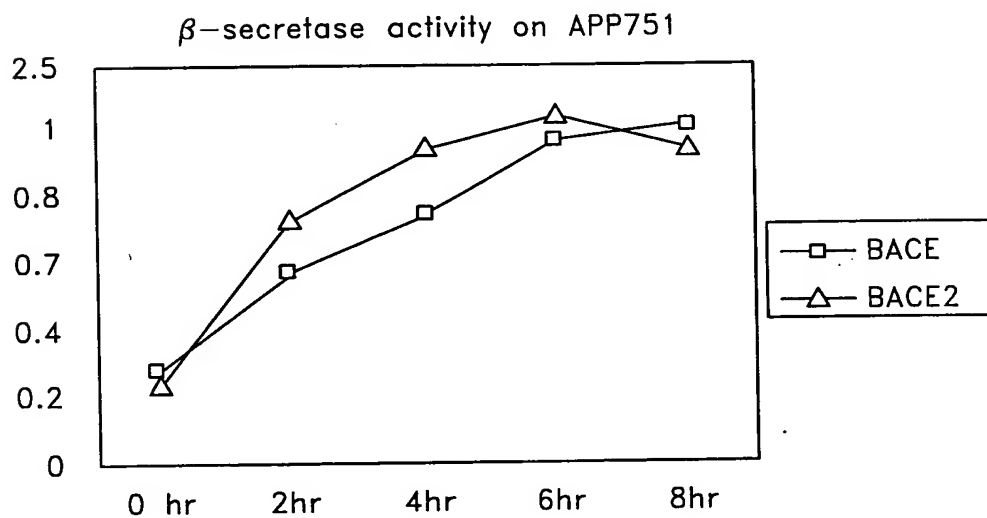


*FIG. 1A*



*FIG. 1B*

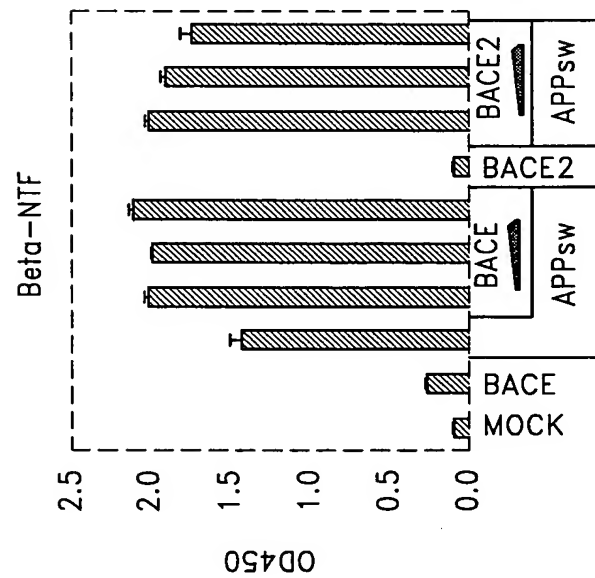
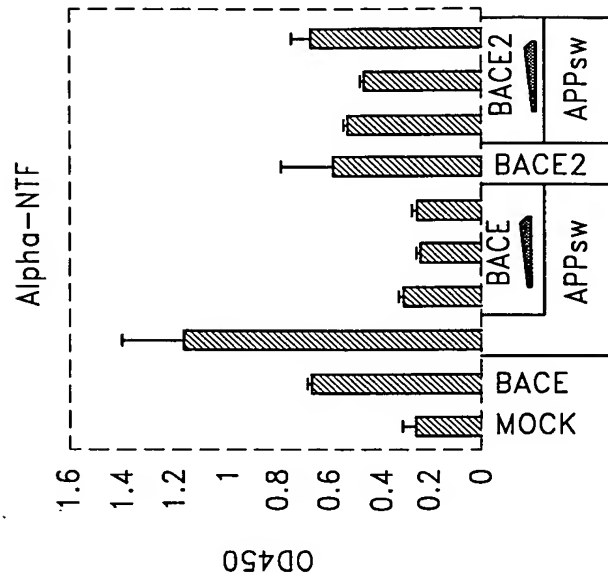


FIG. 2A

FIG. 2B

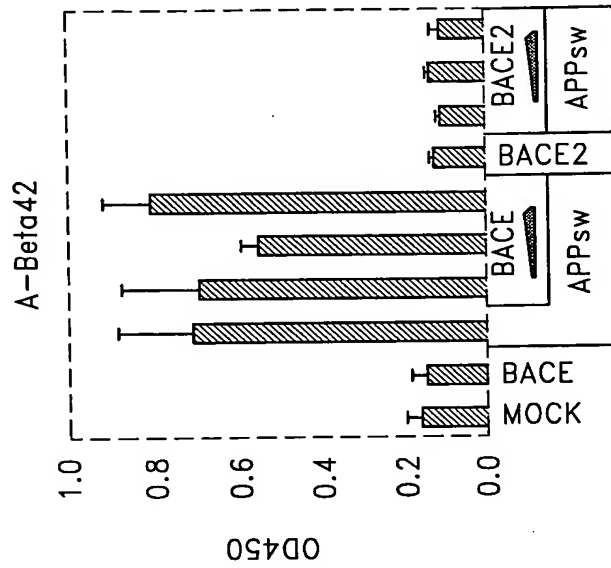


FIG. 2D

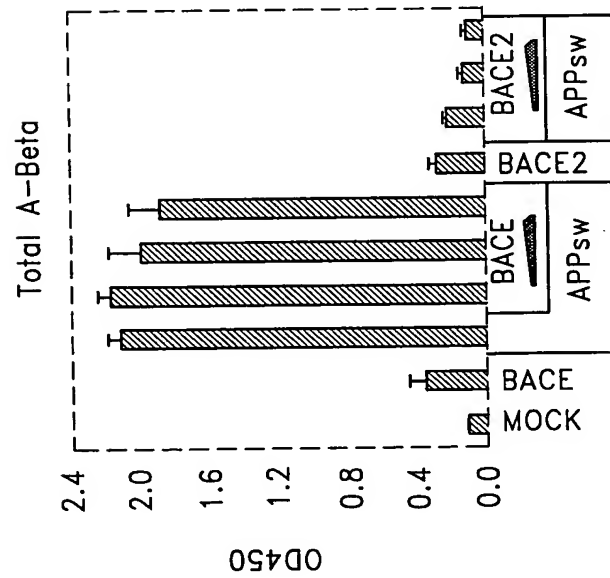


FIG. 2C

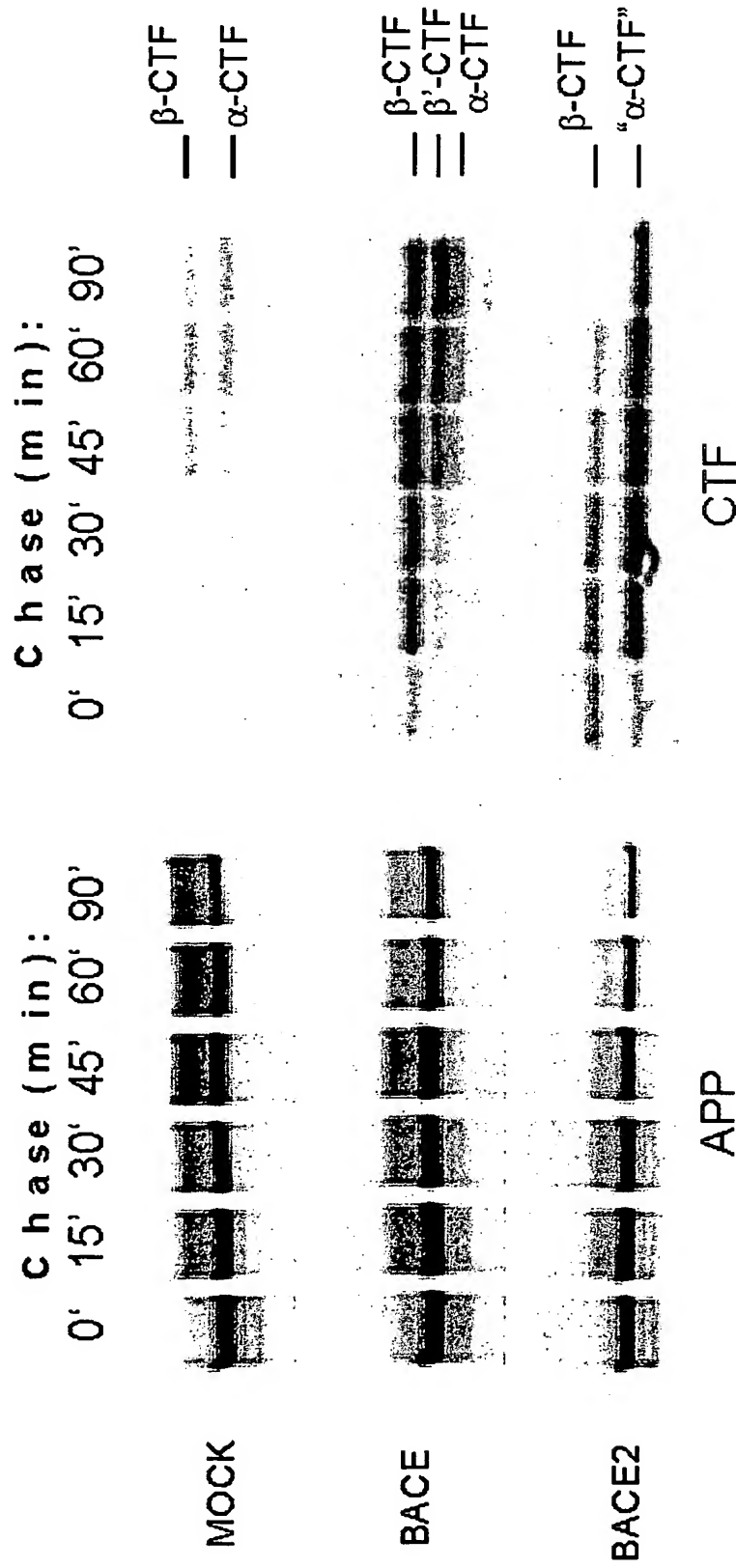


FIG. 2E

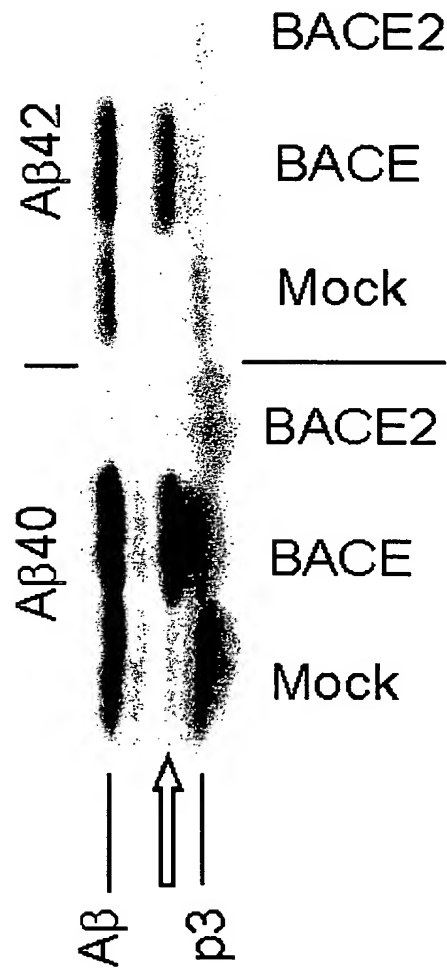
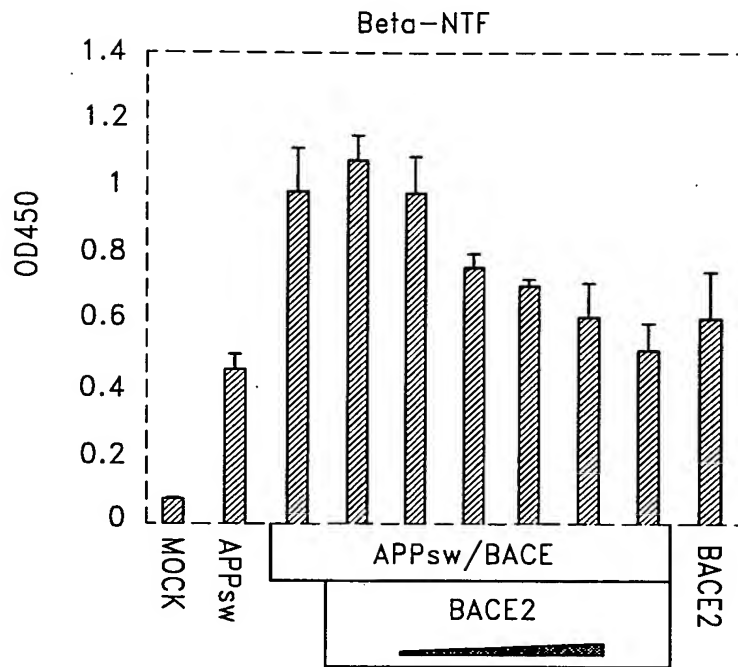
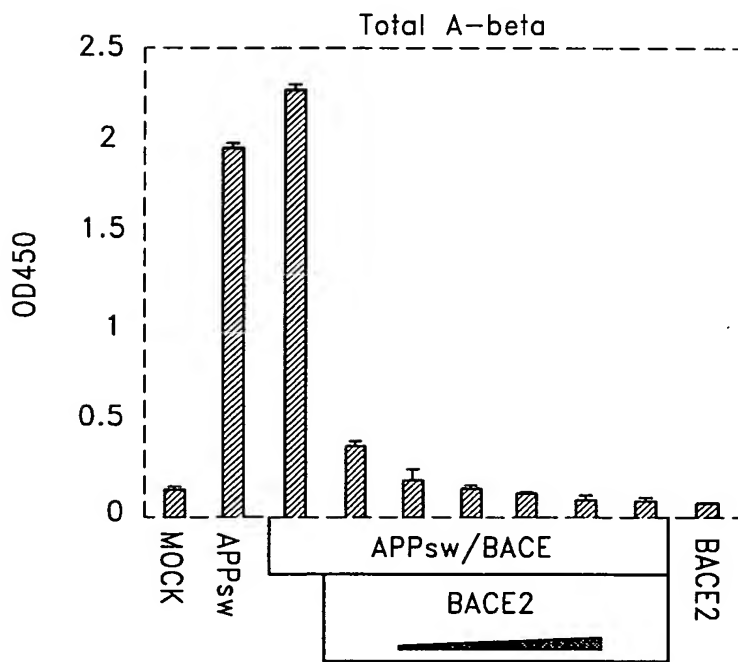


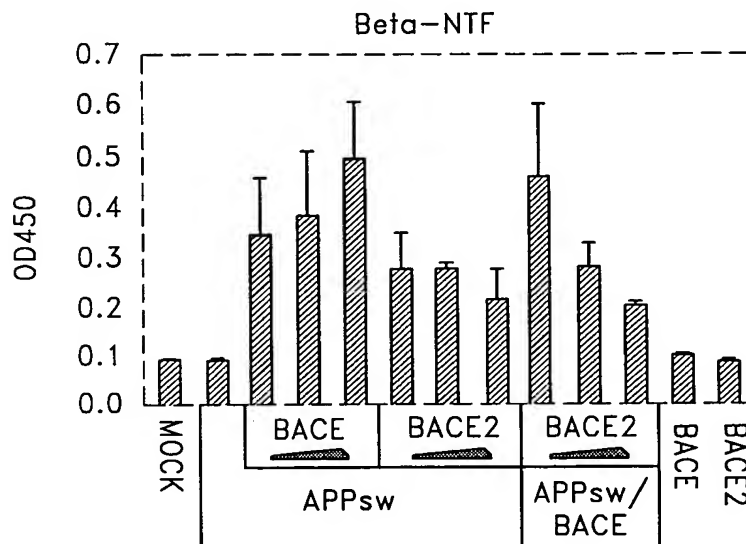
FIG. 2F



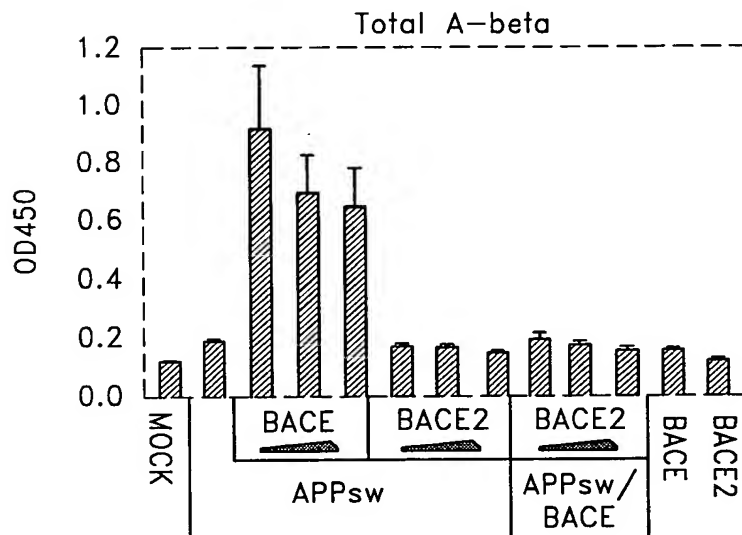
*FIG. 3A*



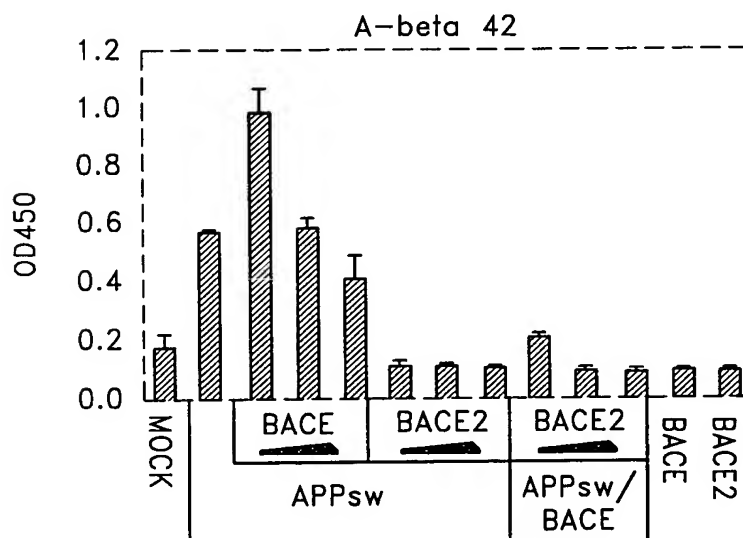
*FIG. 3B*



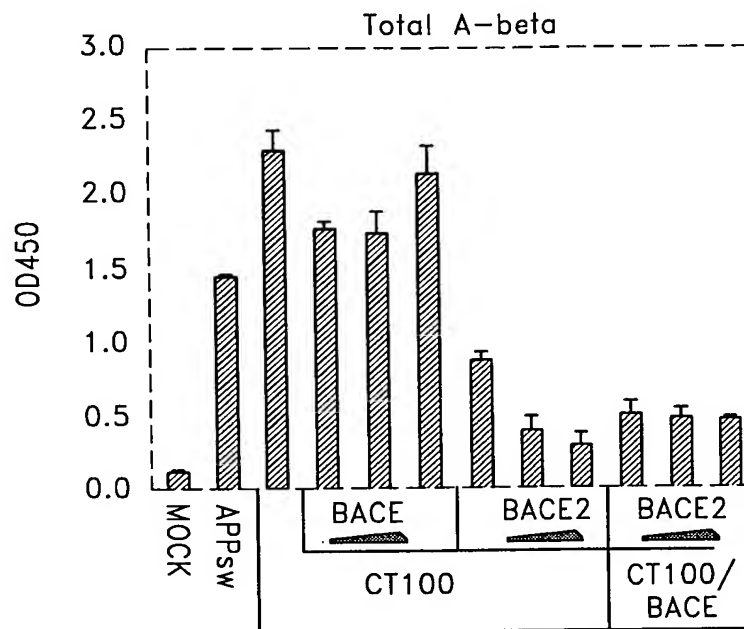
*FIG. 4A*



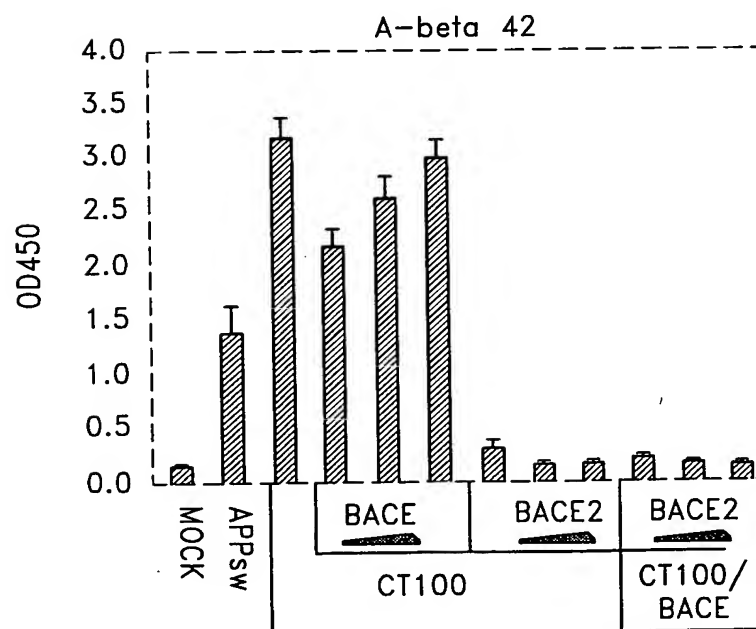
*FIG. 4B*



*FIG. 4C*

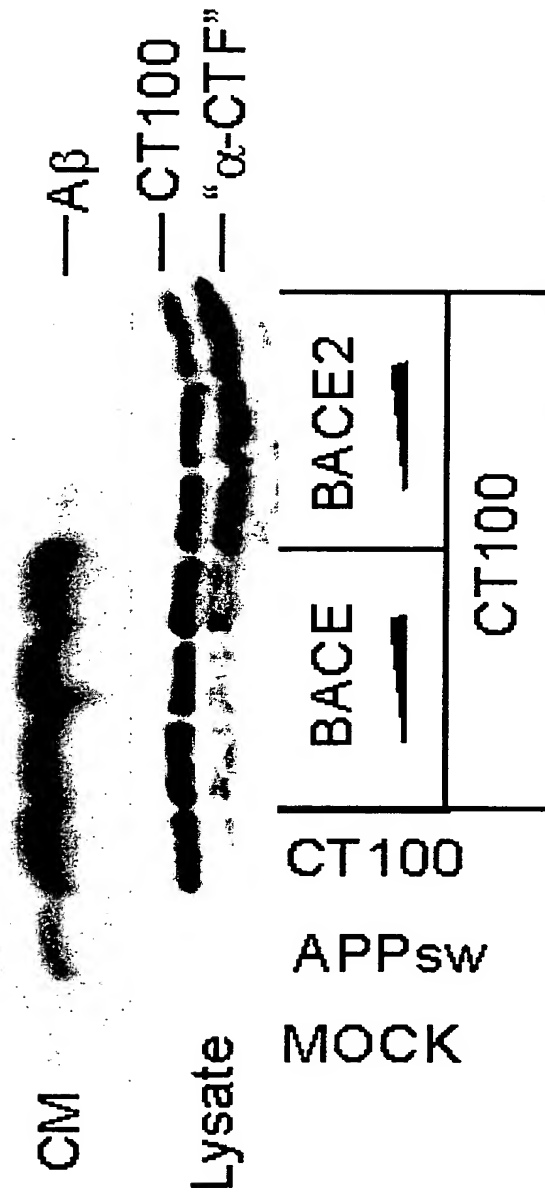


*FIG. 5A*



*FIG. 5B*





*FIG. 5C*

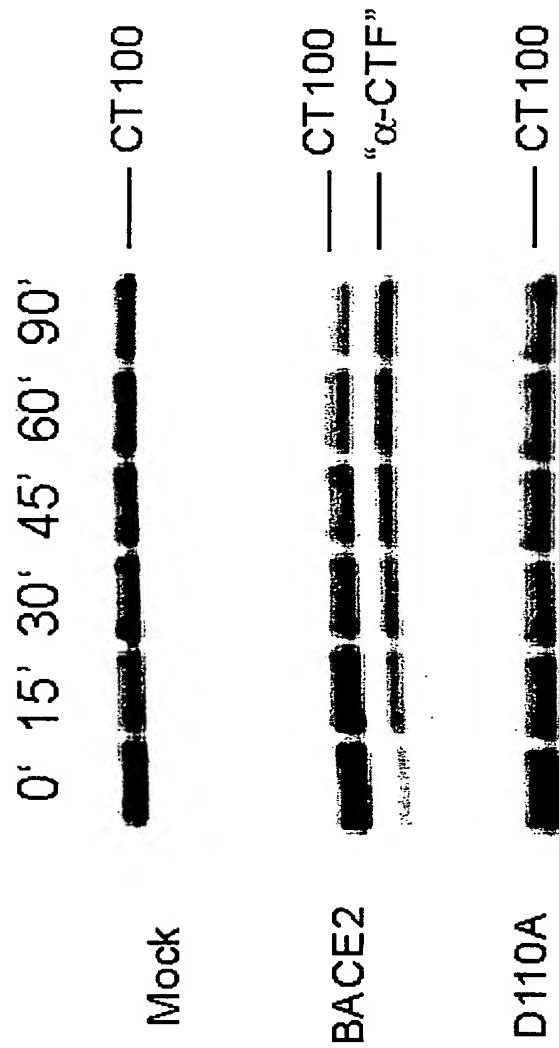
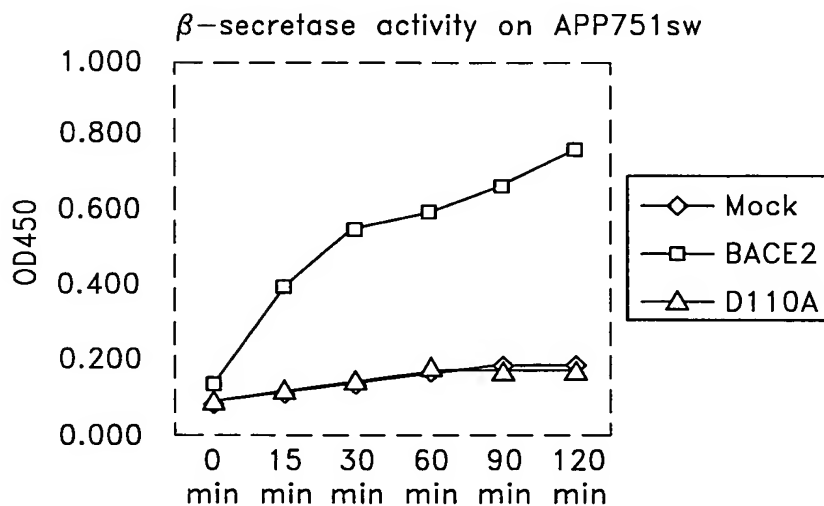
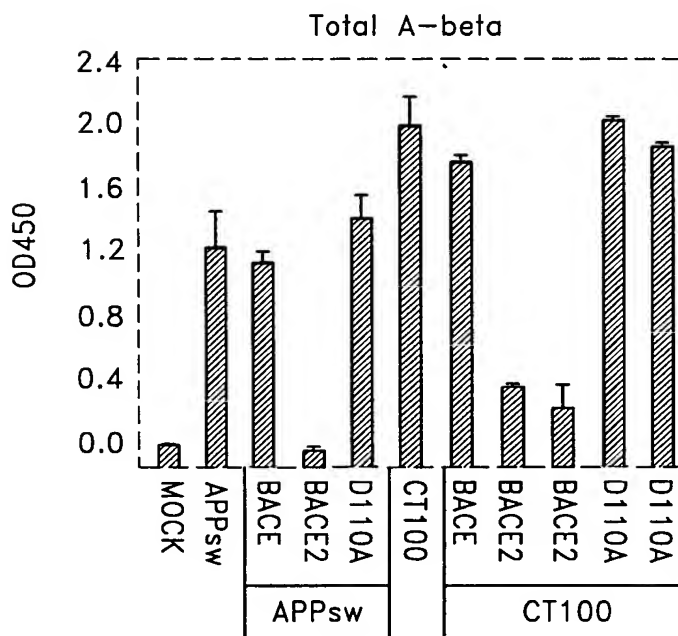


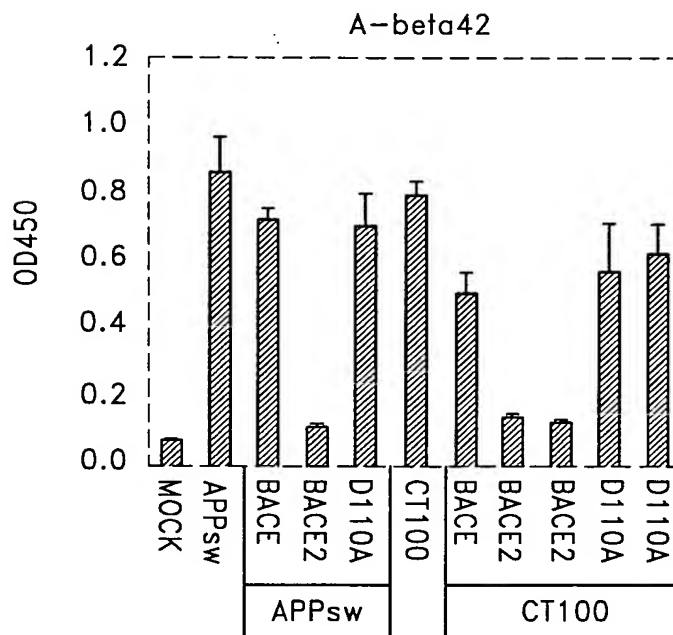
FIG. 5D



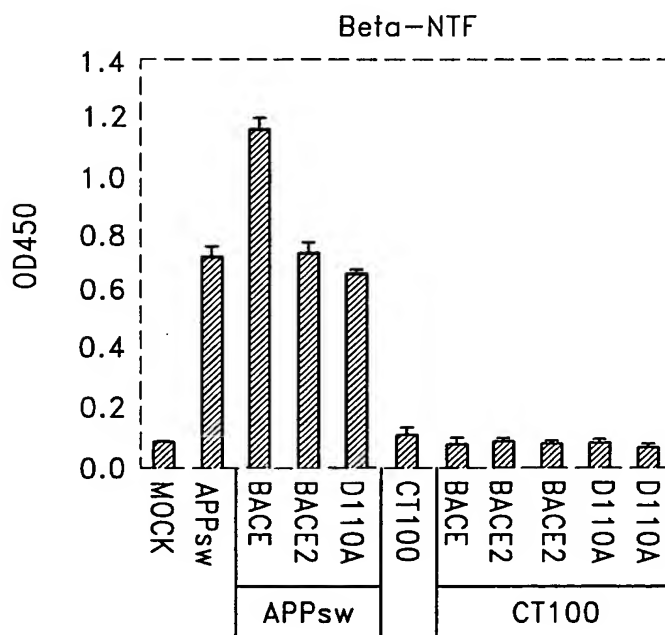
**FIG. 6A**



**FIG. 6B**



*FIG. 6C*



*FIG. 6D*

cccatccctg cccgcagccc cgcgcgccgg ccgagtcgct gagccgcggc  
tgccggacgg gacgggaccg gctaggctgg gcgcgcgccc ccgggccccg  
ccgtgggcat gggcgcactg gcccgggcgc tgetgctgcc tctgctggcc  
cagtggctcc tgcgcgcgcg cccggagctg gccccgcgc ccttcacgct  
gccccfccgg gtggccgcgg ccacgaaccg cgtagttagc cccaccccgg  
gacccgggac ccttgccgag cgccacgcgc acggcttagc gctcgccctg  
gagcctgccc tggcgtcccc cgcgggcgcg gccaaacttct tggccatggt  
agacaacctg cagggggact ctggccgcgg ctactacctg gagatgctga  
tcgggaacccc cccgcagaag ctacagattc tcgttagaac tggaaagcgt  
aactttgccc tggcaggaac cccgcactcc tacatagaca cgtactttga  
cacagagagg tctagcaca accgctccaa gggttttagc gtcacagtga  
agtacacaca aggaagctgg acgggcttcg ttggggaaga cctcgtcacc  
atcccaaaag gcttcaatac ttcttttctt gtcaacattg ccaactatttt  
tgaatcagag aatttctttt tgcctgggat taaatggaat ggaatacttg  
gcctagctta tgcacactt gccaaagccat caagtctctt ggagaccttc  
ttcgactccc tggtagacaca agcaaacatc cccaacgttt tctccatgca  
gatgtgtgga gccggcttgc ccgttgcttg atctgggacc aacggaggta  
gtcttgtctt ggggtggaatt gaaccaagtt tgtataaagg agacatctgg  
tataccccta ttaaggaaga gtggtactac cagatagaaa ttctgaaatt  
ggaaattgga ggccaaagcc ttaatctgga ctgcagagag tataacgcag  
acaaggccat cgtggacagt ggcaccacgc tgcctgcgct gccccagaag  
gtgtttgatg cgggtggtgga agctgtggcc cgcgcattct tgattccaga  
attctctgat ggtttctgga ctgggtccca gctggcgtgc tggacgaatt  
cggaacaccc ttggtcttac ttccctaaaa tctccattct cctgagagac  
gagaactcca gcaggtaatt ccgtatcaca atcctgcctc agctttacat  
tcagcccatg atggggggccg gccatgaatta tgaatgttac cgattcggca  
tttccccatc cacaatgcg ctggtgatcg gtgccacggt gatggagggc  
ttctacgtca tcttcgacag agcccagaag agggtaggct tcgcagcgag  
ccccgtgca gaaattgcag gtgctgcagt gtctgaaatt tccgggcctt  
tctcaacaga ggatgtagcc agcaactgtg tccccgtca gtctttgagc  
gagcccatth tgtggattgt gtccatagcg ctcatgagcg tctgtggagc  
catcctcctt gtcttaatcg tctgtctgct gctgccgttc cgggtgcagc  
gtcgcccccg tgacctgag gtgcgtcaatg atgagtcctc tctggtcaga  
catcgctgga aatgaatagc caggcctgac ctcaagcaac catgaactca  
gctattaaga aaatcacatt tccagggcag cagccgggat cgatggtggc  
gttttctcct gtgcccaccc gtcttcaatc tctgttctgc tcccagatgc  
cttctagatt cactgtcttt tgattcttga ttttcaagct ttcaaatcct  
ccctacttcc aag

FIG. 7

MGALARALLLPLLAQWLLRAAPELAPAPFTLPLRVAAATNRVVAPTGGPGTPAERHAD  
GLALALEPALASPAGAAANFLAMVDNLQGDSEGRGYYLEMLIGTPPQKLQILVDTGSSNF  
AVAGTPHSYIDTYFDTERSSTYRSKGFDTVKYTQGSWTGFVGEDLVTIPKGFNTSFL  
VNIATIFESENFFLPGIKWNGILGLAYATLAKPSSSLETFDLSLVTQANIPNVFSMQM  
GAGLPVAGSGTNGGSLVLGGIEPSLYKGDWYTPIKEEWYYQIEILKLEIGGQSLNL  
DCREYNADKAIVDSGTTLLRLPQKVFDVVEAVARASLIPEFSDGFWTGSQACWTNS  
ETPWSYFPKISIIYLRDENSRSRFRITILPOLYIQPMMGAGLNYECYRFGISPSTNALV  
IGATVMEGFYVIFDRAQKRVGFAASPCAIEIAGAAVSEISGPFSTEDVASNCVPAQSLS  
EPILWIVSYALMSVCGAILLVLLIVLLLLPFCQRRPRDPEVVNDESSLVRHRWK

*FIG. 8*